

Amendments to the Claims

This listing of claim will replace all prior versions and listings of claim in the application.

1-5) (cancelled)

6) (currently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device to generate a first short-range radio signal including an identification symbol; and,

a second device to receive the first short-range radio signal and to generate a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message, wherein the pairing message is received from a Short Message Service ("SMS").

7) (currently amended) ~~The system of claim 4~~ claim 6, wherein the pairing message is received from a wide area network.

8) (cancelled)

9) (currently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device to generate a first short-range radio signal including an identification symbol; and,

a second device to receive the first short-range radio signal and to generate a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message, wherein the pairing message includes a confirmation message.

10-11) (cancelled)

12) (currently amended) ~~The system of claim 11,~~ A system for forming a short distance wireless network, comprising:

Page 2

Attorney Docket No.: IXIM-01004US0
ixim/1004/1004.response-b

a first device to generate a first short-range radio signal including an identification symbol;

a second device to receive the first short-range radio signal and to generate a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message,

wherein the pairing message includes a confirmation message,

wherein the first device prevents communication between the first and second devices responsive to a remove message; and,

a processing device, in a wide area network, to generate the pairing message responsive to a user input, wherein the processing device is a telecommunication provider processing device.

13) (currently amended) ~~The system of claim 11,~~ A system for forming a short distance wireless network, comprising:

a first device to generate a first short-range radio signal including an identification symbol;

a second device to receive the first short-range radio signal and to generate a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message,

wherein the pairing message includes a confirmation message,

wherein the first device prevents communication between the first and second devices responsive to a remove message; and,

a processing device, in a wide area network, to generate the pairing message responsive to a user input, wherein the processing device is a seller processing device.

14) (currently amended) ~~The system of claim 11,~~ A system for forming a short distance wireless network, comprising:

a first device to generate a first short-range radio signal including an identification symbol;

a second device to receive the first short-range radio signal and to generate a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message,

wherein the pairing message includes a confirmation message,
wherein the first device prevents communication between the first and second devices
responsive to a remove message; and,
a processing device, in a wide area network, to generate the pairing message responsive to
a user input, wherein the processing device is a processing device of a user of the second device.

15-24) (cancelled)

25) (currently amended) The system of claim 4, A system for forming a short distance wireless network, comprising:

a first device to generate a first short-range radio signal including an identification symbol; and,
a second device to receive the first short-range radio signal and to generate a second short-range radio
signal responsive to the second device generating a first cellular signal including the identification symbol and
receiving a second cellular signal including a pairing message, wherein the pairing message includes a digital signature.

26-37) (cancelled)

38) (previously presented) A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:

providing an identification symbol to the first device;
generating a short-range radio signal containing the identification symbol to the second device from the first device;
providing a pairing message to the second device;
forming a communication channel between the first device and the second device responsive to the identification symbol and the pairing message; and,
wherein the pairing message is generated in response to a user input at a web page.

39) (cancelled)

40) (currently amended) ~~The method of claim 35, further comprising the steps of:~~ A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:
providing a personal identification symbol to the first device;
generating a short-range radio signal containing the personal identification symbol to the second device from the first device;
forming a short-range radio communication channel between the first device and the second device responsive to the personal identification symbol;
forming a cellular communication channel between the second device and a wide area network;
detecting an error in the personal identification symbol; and,
notifying a user of an invalidity of the personal identification symbol.

41) (previously presented) A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:
providing an identification symbol to the first device;
generating a short-range radio signal containing the identification symbol to the second device from the first device;
forming a short-range radio communication channel between the first device and the second device responsive to the identification symbol; and,
correcting an error in the personal identification symbol.

42) (cancelled)

43) (currently amended) ~~The article of manufacture of claim 42, further comprising:~~ An article of manufacture, including a computer readable medium, comprising:
a short-range radio software component to generate a short-range radio signal in a short distance wireless network;
a cellular software component to generate cellular signals in a wide area network;
a pairing software component to add a device to the short distance wireless network in response to an identification symbol; and,
a software component for ~~decrypting~~ decrypting a pairing message.

44) (currently amended) ~~The article of manufacture of claim 42, further comprising:~~ An article of manufacture, including a computer readable medium, comprising:
a short-range radio software component to generate a short-range radio signal in a short distance wireless network;
a cellular software component to generate cellular signals in a wide area network;
a pairing software component to add a device to the short distance wireless network in response to an identification symbol; and,
a software component ~~for detecting~~ to detect an erroneously entered identification symbol.

45) (currently amended) The article of manufacture of claim 44, wherein the software component ~~for detecting~~ to detect an the erroneously entered identification symbol includes a software component ~~for~~ correcting to correct the erroneously entered identification symbol.